CAGGAGCTCAGCTGCAGGAGGCAGGATGGTCTGGAGGCTGGTCCTGCTGGCT
CTGTGGGTGTGGCCCAGCACGCAAGCTGGTCACCAGGACAAAGACACGACCT
TCGACCTTTTCAGTATCAGCAACATCAACCGCAAGACCATTGGCGCCAAGCA
GTTCCGCGGGCCCGACCCCGGCGTGCCGGCTTACCGCTTCGTGCGCTTTGACT
ACATCCCACCGGTGAACGCAGATGACCTCAGCAAGATCACCAAGATCATGCG
GCAGAAGGAGGGCTTCTTCCTCACGGCCCAGCTCAAGCAGGACGGCAAGTCC
AGGGGCACGCTGTTGGCTCTGGAGGGCCCCGGTCTCTCCCAGAGGCAGTTCG
AGATCGTCTCCAATGGCCCCGCGGACACGCTGGATCTCACCTACTGGATTGA
CGGCACCCGGCATGTGGTCTCCCTGGAGGACGTCGGCCTGGCTGACTCGCAG
TGGAAGAACGTCACCGTGCAGGTGGCTGGCGAGACCTACAGCTTGCACGTGG
GCTGCGACCTCATAGACAGCTTCGCTCTGGACGAGCCCTTCTACGAGCACCT
GCAGGCGGAAAAGAGCCGGATGTACGTGGCCAAAGGCTCTGCCAGAGAGAG
TCACTTCAGGGGTTTGCTTCAGAACGTCCACCTAGTGTTTGAAAACTCTGTGG
AAGATATTCTAAGCAAGAAGGGTTGCCAGCAAGGCCAGGGAGCTGAGATCA
ACGCCATCAGTGAGAACACAGAGACGCTGCGCCTGGGTCCGCATGTCACCAC
CGAGTACGTGGGCCCCAGCTCAGAGAGGAGGCCCGAGGTGTGCGAACGCTC
GTGCGAGGAGCTGGGAAACATGGTCCAGGAGCTCTCGGGGCTCCACGTCCTC
GTGAACCAGCCCAGCGAGAACCTCAAGAGAGTGTCGAATGATAACCAGTTTC
TCTGGGAGCTCATTGGTGGCCCTCCTAAGACAAGGAACATGTCAGCTTGCTG
GCAGGATGGCCGGTTCTTTGCGGAAAATGAAACGTGGGTGGTGGACAGCTGC
ACCACGTGTACCTGCAAGAAATTTAAAACCATTTGCCACCAAATCACCTGCC
CGCCTGCAACCTGCGCCAGTCCATCCTTTGTGGAAGGCGAATGCTGCCCTTCC
TGCCTCCACTCGGTGGACGGTGAGGAGGGCTGGTCTCCGTGGGCAGAGTGGA
CCCAGTGCTCCGTGACGTGTGGCTCTGGGACCCAGCAGAGAGGCCGGTCCTG
TGACGTCACCAGCAACACCTGCTTGGGGCCCTCCATCCAGACACGGGCTTGC
AGTCTGAGCAAGTGTGACACCCGCATCCGGCAGGACGGCGGCTGGAGCCACT
GGTCACCTTGGTCTTCATGCTCTGTGACCTGTGGAGTTGGCAATATCACACGC
ATCCGTCTCTGCAACTCCCCAGTGCCCCAGATGGGGGGCAAGAATTGCAAAG
GGAGTGGCCGGGAGACCAAAGCCTGCCAGGGCGCCCCATGCCCAATCGATG
GCCGCTGGAGCCCCTGGTCCCCGTGGTCGGCCTGCACTGTCACCTGTGCCGGT
GGGATCCGGGAGCGCACCCGGGTCTGCAACAGCCCTGAGCCTCAGTACGGAG
GGAAGGCCTGCGTGGGGGATGTGCAGGAGCGTCAGATGTGCAACAAGAGGA
GCTGCCCCGTGGATGGCTGTTTATCCAACCCCTGCTTCCCGGGAGCCCAGTGC
AGCAGCTTCCCCGATGGGTCCTGGTCATGCGGCTCCTGCCCTGTGGGCTTCTT
GGGCAATGGCACCCACTGTGAGGACCTGGACGAGTGTGCCCTGGTCCCCGAC
ATCTGCTTCTCCACCAGCAAGGTGCCTCGCTGTGTCAACACTCAGCCTGGCTT
CCACTGCCTGCCCTGCCCGCCCCGATACAGAGGGAACCAGCCCGTCGGGGTC
GGCCTGGAAGCAGCCAAGACGGAAAAGCAAGTGTGTGAGCCCGAAAACCCA
TGCAAGGACAAGACACACAACTGCCACAAGCACGCGGAGTGCATCTACCTG
GGCCACTTCAGCGACCCCATGTACAAGTGCGAGTGCCAGACAGGCTACGCGG
GCGACGGGCTCATCTGCGGGGAGGACTCGGACCTGGACGGCTGGCCCAACCT
CAATCTGGTCTGCGCCACCAACGCCACCTACCACTGCATCAAGGATAACTGC
CCCCATCTGCCAAATTCTGGGCAGGAAGACTTTGACAAGGACGGGATTGGCG
ATGCCTGTGATGATGACGATGACAATGACGGTGTGACCGATGAGAAGGACAA
CTGCCAGCTCCTCTTCAATCCCCGCCAGGCTGACTATGACAAGGATGAGGTT
GGGGACCGCTGTGACAACTGCCCTTACGTGCACAACCCTGCCCAGATCGACA

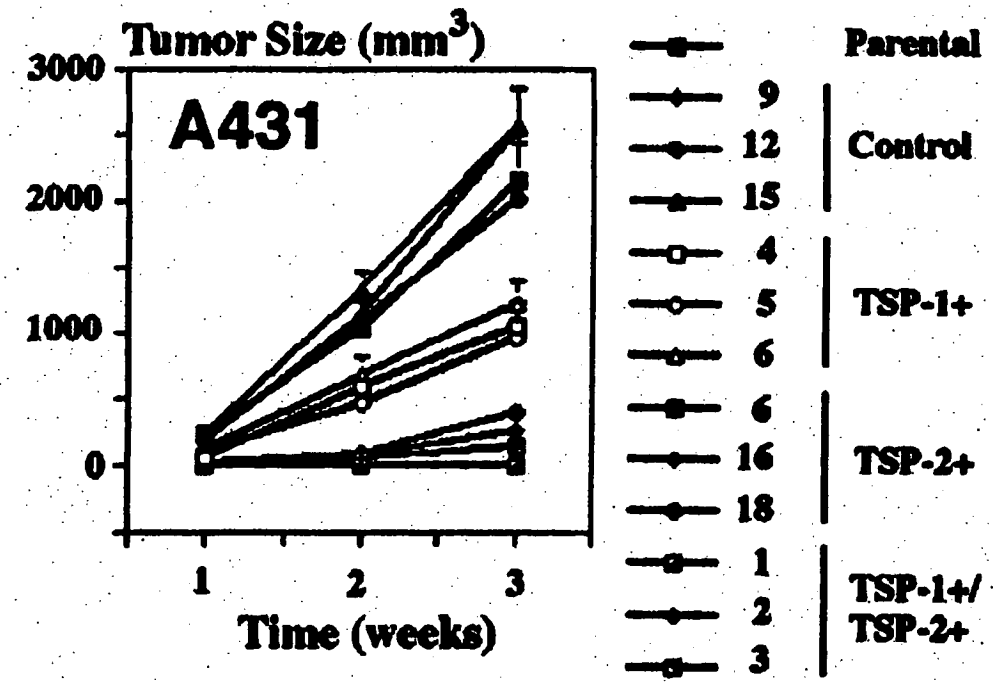
FIG. 1 (1 of 2)

CAGACAACAATGGAGAGGGTGACGCCTGCTCCGTGGACATTGATGGGGACG
ATGTCTTCAATGAACGAGACAATTGTCCCTACGTCTACAACACTGACCAGAG
GGACACGGATGGTGACGGTGTGGGGGATCACTGTGACAACTGCCCCCTGGTG
CACAACCCTGACCAGACCGACGTGGACAATGACCTTGTTGGGGACCAGTGTG
ACAACAACGAGGACATAGATGACGACGGCCACCAGAACAACCAGGACAACT
GCCCCTACATCTCCAACGCCAACCAGGCTGACCATGACAGAGACGGCCAGGG
CGACGCCTGTGACCCTGATGATGACAACGATGGCGTCCCCGATGACAGGGAC
AACTGCCGGCTTGTGTTCAACCCAGACCAGGAGGACTTGGACGGTGATGGAC
GGGGTGATATTTGTAAAGATGATTTTGACAATGACAACATCCCAGATATTGA
TGATGTGTGTCCTGAAAACAATGCCATCAGTGAGACAGACTTCAGGAACTTC
CAGATGGTCCCCTTGGATCCCAAAGGGACCACCCAAATTGATCCCAACTGGG
TCATTCGCCATCAAGGCAAGGAGCTGGTTCAGACAGCCAACTCGGACCCCGG
CATCGCTGTAGGTTTTGACGAGTTTGGGTCTGTGGACTTCAGTGGCACATTCT
ACGTAAACACTGACCGGGACGACGACTATGCCGGCTTCGTCTTTGGTTACCA
GTCAAGCAGCCGCTTCTATGTGGTGATGTGGAAGCAGGTGACGCAGACCTAC
TGGGAGGACCAGCCCACGCGGGCCTATGGCTACTCCGGCGTGTCCCTCAAGG
TGGTGAACTCCACCACGGGGACGGGCGAGCACCTGAGGAACGCGCTGTGGC
ACACGGGGAACACGCCGGGGCAGGTGCGAACCTTATGGCACGACCCCAGGA
ACATTGGCTGGAAGGACTACACGGCCTATAGGTGGCACCTGACTCACAGGCC
CAAGACCGGCTACATCAGAGTCTTAGTGCATGAAGGAAAACAGGTCATGGCA
GACTCAGGACCTATCTATGACCAAACCTACGCTGGCGGGCGGCTGGGTCTAT
TTGTCTTCTCTCAAGAAATGGTCTATTTCTCAGACCTCAAGTACGAATGCAGA
GATATTTAAACAAGATTTGCTGCATTTCCGGCAATGCCCTGTGCATGCCATGG
TCCCTAGA

FIG. 1 (2 of 2)

MVWRLVLLALWVWPSTQAGHQDKDTTFDLFSISNINRKTIGAKQFRGPDPGVPA
YRFVRFDYIPPVNADDLSKITKIMRQKEGFFLTAQLKQDGKSRGTLLALEGPGLS
QRQFEIVSNGPADTLDLTYWIDGTRHVVSLEDVGLADSQWKNVTVQVAGETYS
LHVGCDLIDSFALDEPFYEHLQAEKSRMYVAKGSARESHFRGLLQNVHLVFENS
VEDILSKKGCQQGQGAEINAISENTETLRLGPHVTTEYVGPSSERRPEVCERSCEE
LGNMVQELSGLHVLVNQPSENLKRVSNDNQFLWELIGGPPKTRNMSACWQDGR
FFAENETWVVDSCTTCTCKKFKTICHQITCPPATCASPSFVEGECCPSCLHSVDGE
EGWSPWAEWTQCSVTCGSGTQQRGRSCDVTSNTCLGPSIQTRACSLSKCDTRIR
QDGGWSHWSPWSSCSVTCGVGNITRIRLCNSPVPQMGGKNCKGSGRETKACQG
APCPIDGRWSPWSPWSACTVTCAGGIRERTRVCNSPEPQYGGKACVGDVQERQ
MCNKRSCPVDGCLSNPCFPGAQCSSFPDGSWSCGSCPVGFLGNGTHCEDLDECA
LVPDICFSTSKVPRCVNTQPGFHCLPCPPRYRGNQPVGVGLEAAKTEKQVCEPEN
PCKDKTHNCHKHAECIYLGHFSDPMYKCECQTGYAGDGLICGEDSDLDGWPNL
NLVCATNATYHCIKDNCPHLPNSGQEDFDKDGIGDACDDDDDNDGVTDEKDNC
QLLFNPRQADYDKDEVGDRCDNCPYVHNPAQIDTDNNGEGDACSVDIDGDDVF
NERDNCPYVYNTDQRDTDGDGVGDHCDNCPLVHNPDQTDVDNDLVGDQCDN
NEDIDDDGHQNNQDNCPYISNANQADHDRDGQGDACDPDDDNDGVPDDRDNC
RLVFNPDQEDLDGDGRGDICKDDFDNDNIPDIDDVCPENNAISETDFRNFQMVPL
DPKGTTQIDPNWVIRHQGKELVQTANSDPGIAVGFDEFGSVDFSGTFYVNTDRD
DDYAGFVFGYQSSSRFYVVMWKQVTQTYWEDQPTRAYGYSGVSLKVVNSTTG
TGEHLRNALWHTGNTPGQVRTLWHDPRNIGWKDYTAYRWHLTHRPKTGYIRV
LVHEGKQVMADSGPIYDQTYAGGRLGLFVFSQEMVYFSDLKYECRDI

FIG. 2



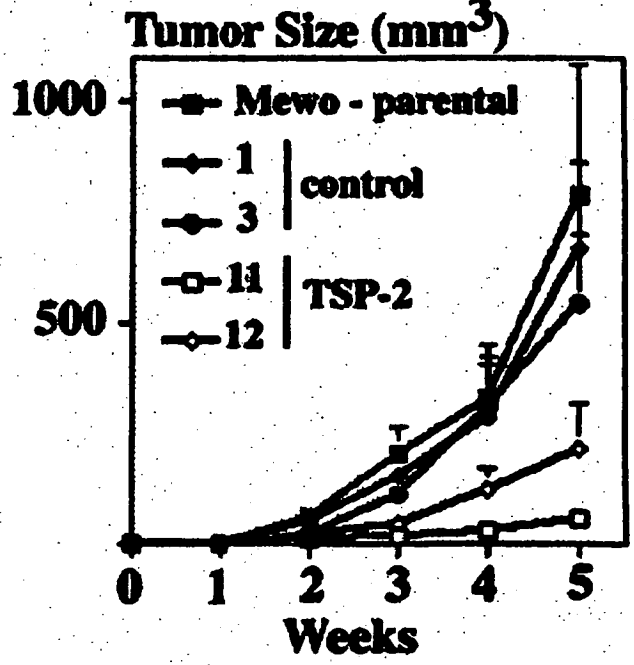


Fig. 3

09359897.032105

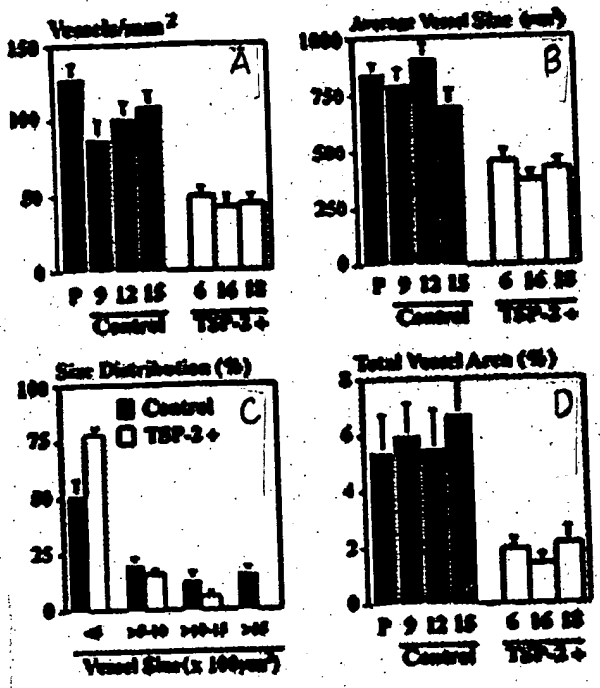
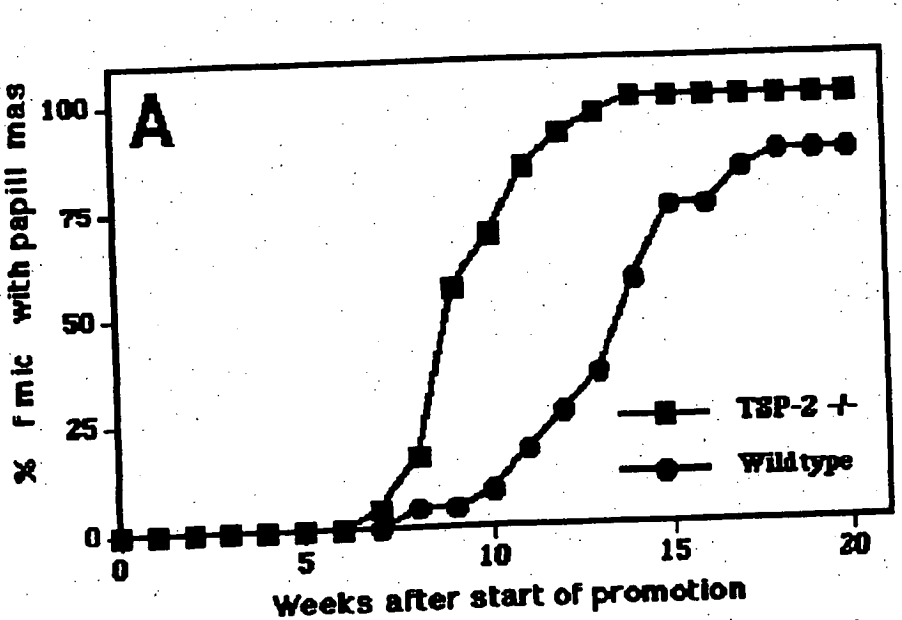
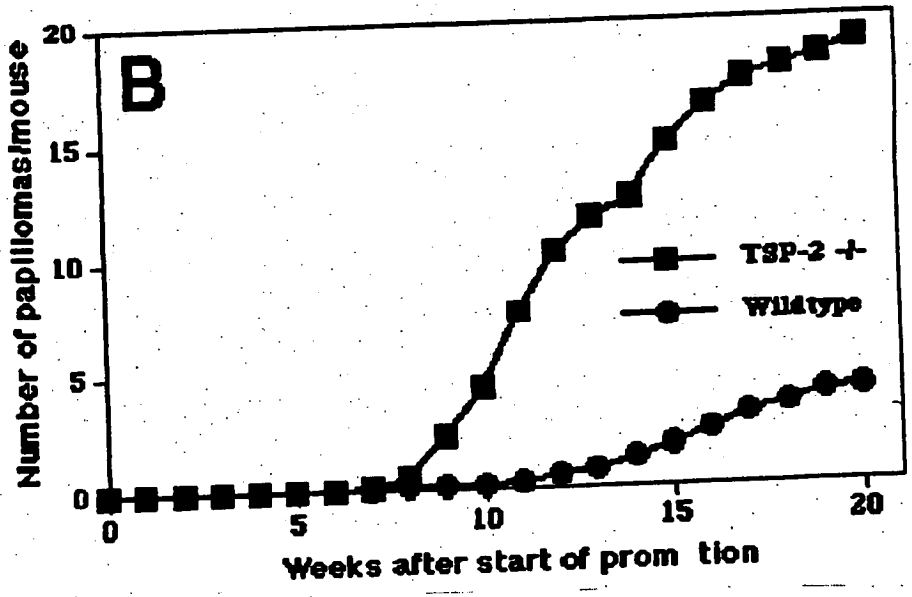


Fig. 4

Fig 5





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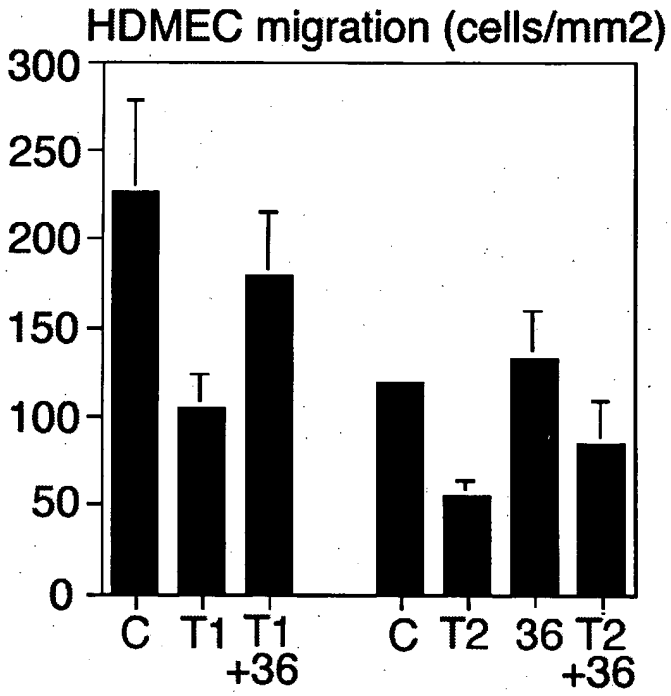
HDMEC migration (cells/mm2)
300
250
200
150
100
50
0
C
T1
T1 +36
C
T2
36 T2 +36

Fig. 6

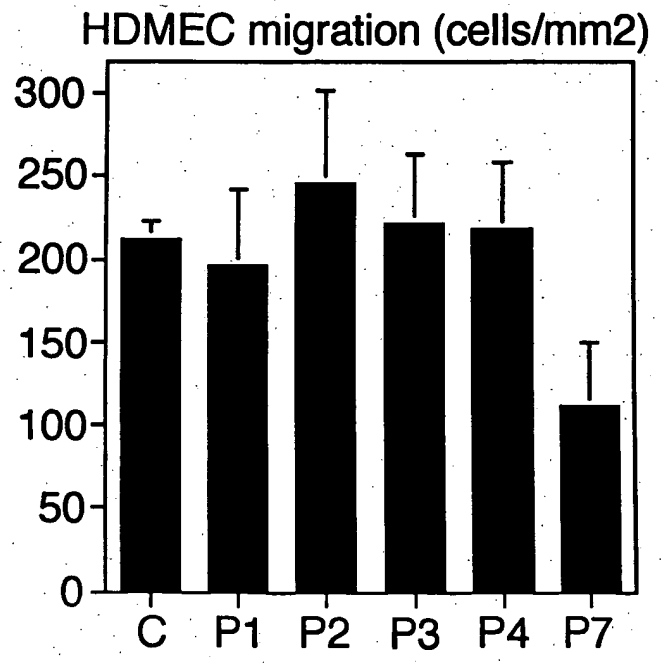
HDMEC migration (cells/mm2)
300
250
200
150
100
50
0
C
P1
P2
P3
P4
P7

Fig. 7